

Document-Number: TDe-EW-013-2026

Product group/ Article: Jewelry Case Series: Quadro 3600

Responsible Economic Operator: E. Wilhelm GmbH, Fabrikstraße 25, 77966 Kappel-Grafenhausen

1. General Description & Digital Data Management

This documentation describes the structural and material-technical requirements for the packaging series mentioned above.

- **ERP Link:** The specific assignment of individual article numbers as well as their individual technical parameters (dimensions, unit weights, material components) are managed daily in the **ERP system of E. Wilhelm GmbH**. A structured data export of this list acts as a dynamic **Annex A**.
- **CAD-Integration:** Detailed design data, technical drawings, and geometric specifications are managed centrally via CAD software. These data serve as the primary source for the conformity assessment regarding design and material usage.

2. Material Composition & Conformity (Art. 5 & 6)

- **Materials:** (e.g., cardboard, inlays, adhesives). The exact compositions per article are stored in the ERP system.
- **Verification of Hazardous Substances:** E. Wilhelm GmbH guarantees compliance with the concentration limits for lead, cadmium, mercury, and hexavalent chromium (< 100 mg/kg in sum). Corresponding declarations of conformity from sub-suppliers are digitally archived in the system (**Annex B**).
- **Recyclability:** The series is designed according to the criteria of "Design for Recycling" to ensure classification into the required recycling performance classes.

3. Conformity with Packaging Minimisation (Art. 9 & Annex IV)

The design of this series was verified for material and volume minimisation based on the stored CAD models.

- **Technical Justification:** The packaging volume and weight are limited to the minimum technically necessary. The empty space and wall thicknesses are technically necessary to:
 1. Ensure the physical protection of highly sensitive goods (jewellery/watches) against mechanical impacts.
 2. Enable the secure fixation of the contents through custom-fit inlays.
 3. Ensure stability for long-term reuse by the end consumer.
- **Verification:** No design features are used that merely serve to visually enlarge the contents.

4. Labelling (Art. 11)

- **Current Status:** As the specifications for the harmonised EU-wide pictograms have not yet been finalised by the EU Commission, labelling currently complies with the applicable national regulations.
- **Future Implementation:** E. Wilhelm GmbH will implement the harmonised EU labels (material codes/pictograms) within the statutory transitional periods following their final adoption.

5. Reference to Supplementary Documents

- **Annex A:** Dynamic article list from the ERP system (weights, dimensions).
- **Annex B:** Digital archive of supplier confirmations regarding PPWR conformity and material certificates.
- **Annex C:** Design verifications and technical drawings from the CAD software.

Place, date: Kappel-Grafenhausen, 12/06/2026

Responsible: Management / Qualitätsmanagement, E. Wilhelm GmbH